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1 PW 2184 \$



| | | | |
|---|----------------------|------------------------|--------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/015,194 | |
| | Filing Date | November-20, 2001 | |
| | First Named Inventor | James S. Koford | |
| | Group Art Unit | 2184 | |
| | Examiner Name | | |
| Total number of pages in this submission | 12 | Attorney Docket Number | 01-390 |

ENCLOSURES (check all that apply)

| | | |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and |
| <input type="checkbox"/> Amendment/Response | <input type="checkbox"/> Licensing-related Paper | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits(s)/declaration(s) | <input type="checkbox"/> To Convert a Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of time reques | <input type="checkbox"/> Power of Attorney, Change of Correspondence Address | <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Reques | <input type="checkbox"/> Terminal Disclaimer | 1. Return address postcard for PTO mailroom to date stamp. |
| <input checked="" type="checkbox"/> Information Disclosure Statemen | <input type="checkbox"/> Small Entity Statement | 2. non-patent literature document |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | Remarks | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-----------------|--|
| Individual Name | Timothy Croll, Reg. No. 36,771, Phone: [+1] 408-433-7191 |
| Signature | <i>Timothy Croll</i> |
| Date | 12 JAN 05 |

CERTIFICATE OF MAILING

| | |
|--|---|
| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 1/21/05 | |
| Typed or printed name | Connie Del Castillo, Phone: [+1] 408-433-7191 |
| Signature | <i>Connie Del Castillo</i> Date: 1/21/05 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO : Assistant Commissioner for Patents, Washington, DC 20231.



FEE TRANSMITTAL

Patent Fees are subject to annual revision on October 1.
These are the fees effective October 1, 1997.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$)**180.00**

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | 10/015,194 |
| Filing Date | November-20, 2001 |
| First Named Inventor | James S. Koford |
| Group Art Unit | 2184 |
| Examiner Name | |
| Attorney Docket No. | / 01-390 |

METHOD OF PAYMENT (check one)

FEE CALCULATION (continued)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

Deposit Account Number **12-2252**

Deposit Account Number **LSI LOGIC CORPORATION**

☒ Charge Any Additional Fee required Under 37
☐ Charge the Issue Fee Set in 37 C.F.R. 1.18 at the Mailing of the Notice of

2. ☐ Payment Enclosed:

☐ Chec ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Larg eFee Code | Entit yFee (\$) | Larg eFee Code | Entit yFee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101 | 790 | 201 | 395 | Utility filing fee | |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 540 | 207 | 270 | Plant filing fee | |
| 108 | 790 | 208 | 395 | Reissue filing fee | |
| 114 | 150 | 214 | 75 | Provisional Filing fee | |

SUBTOTAL (1) (\$)**0.00**

2. EXTRA CLAIM FEES

| | Extra Claim | Fee from below | Fee Paid |
|--------------------|--|----------------------|------------------------|
| Total claim | <input type="text"/> -20**= <input type="text"/> | <input type="text"/> | = <input type="text"/> |
| Independent Claims | <input type="text"/> -3**= <input type="text"/> | <input type="text"/> | = <input type="text"/> |
| Multiple Dependent | <input type="text"/> | <input type="text"/> | = <input type="text"/> |

**or number previously paid, if greater; For Reissues, see below

| Larg eFee Code | Entit yFee (\$) | Larg eFee Code | Entit yFee (\$) | Fee Description |
|----------------|-----------------|----------------|-----------------|---|
| 103 | 22 | 203 | 11 | Claims in excess of 20 |
| 102 | 82 | 202 | 41 | Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid |
| 109 | 82 | 209 | 41 | **Reissue independent claims over original patent |
| 110 | 22 | 210 | 11 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)**0.00**

3. ADDITIONAL FEES

| Larg eFee Code | Entit yFee (\$) | Larg eFee Code | Entit yFee (\$) | Fee Description | Fee Paid |
|---------------------|-----------------|----------------|-----------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing request for reexamination | |
| 112 | 920* | 112 | 920 | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 950 | 217 | 475 | Extension for reply within third month | |
| 118 | 1510 | 218 | 755 | Extension for reply within fourth month | |
| 128 | 2,060 | 228 | 1,030 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,320 | 241 | 660 | Petition to revive - unintentional | |
| 142 | 1,320 | 242 | 660 | Utility issue fee (or reissue) | |
| 143 | 450 | 243 | 225 | Design issue fee | |
| 144 | 670 | 244 | 335 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional application | |
| 126 | 240 | 126 | 240 | Submission of Information Disclosure Statement | 180.00 |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 790 | 246 | 395 | Filing a submission after final rejection (37 CFR 1.129) | |
| 149 | 790 | 249 | 395 | For each additional invention to be examined (37 CFR 1.129 (b)) | |
| Other fee (specify) | | | | | |
| Other fee (specify) | | | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**180.00**

SUBMITTED BY

Complete (if applicable)

| | | | |
|-----------------------|---------------|-------------------------|-----------|
| Typed or printed name | Timothy Croll | Reg. Number | 36,771 |
| Signature | | Date | 19 JAN 05 |
| | | Deposit Account User ID | |

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Page 1 of 1



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Attorney Docket No. | / 01-390 |

Sheet 1 of 1

U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|----------------------|-------------|----------------------|-------------------------|--|--|---|
| | | Number | Kind Code (if known) | | | |
| | | 5,553,002 | | Dangelo et al. | 09-03-1996 | |
| | | 6,678,875 | | Pajak et al. | 01-13-2004 | |
| | | 6,721,922 | | Walters et al. | 04-13-2004 | |
| | | 6,742,165 | | Lev et al. | 05-25-2004 | |
| | | 2003009724 | | Koford et al. | 05-22-2003 | |
| | | 2004002511 | | Chris Hamlin | 02-05-2004 | |
| | | 6,634,008 | | Dole | 10-14-2003 | |
| | | 6,704,917 | | Curran et al. | 03-09-2004 | |
| | | 6,269,467 | | Cheung; Cyrus C. (Hercules, | 06-10-2003 | |
| | | 6,253,358 | | Shuji Takahashi | 06-26-2001 | |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. | Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, caalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where | T |
|----------------------|-------------|---|---|
| | | "A rule based VLSI process flow validation system with macroscopic process simulation", IEEE Transactions on semiconductor manufacturing, vol. 3, no. 4, November 1990, oages 239-246 - Author(s) - Funakoshi et al. | |

| | | | |
|-----------------------|--|--------------------|--|
| Examiner signature | | Date considered | |
|-----------------------|--|--------------------|--|